

10/009313

SSM-492US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Carl-Ludwig Graf von Deym et al. : Art Unit:

Application No.: To Be Assigned : Examiner:

Filed: Herewith :

FOR: SORTING AND SEPARATING METHOD AND  
PLANT FOR RECYCLING PLASTICS :PRELIMINARY AMENDMENTAssistant Commissioner for Patents  
Washington, DC 20231

SIR:

Prior to examination, please amend the above-identified application  
as follows.

IN THE CLAIMS:

Please replace the claims with the following amended claims.

1 1. A sorting and separating method for recycling plastics which  
2 are provided in a mixture of plastics as refuse, wherein the method includes  
3 separating the plastics according to types of plastic,

4 wherein

5 the mixture of plastics is sorted and separated according to colours,  
6 and the fractions of plastics thus obtained, separated according to colours, are  
7 sorted and separated according to types of plastic.

1 2. The method as set forth in claim 1, wherein the mixture of  
2 plastics is sorted and separated according to primary colours, wherein the primary  
3 colours are preferably standardised colours, in particular RAL primary colours.

1 3. The method as set forth in claim 1, wherein the fractions of  
2 plastics, separated according to colours, are subjected to extraction in an extractor,  
3 preferably a carrousel extractor, by means of ethyl acetate as the extraction  
4 medium.

#51e Amendment (A)  
D. Townsend  
04/22/03  
ReOK

5/a

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